

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

RECEIVED 10 USA

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/623548

INTERNATIONAL APPLICATION NO.  
PCT/US00/13576INTERNATIONAL FILING DATE  
17 May 2000 (17.05.00)PRIORITY DATE CLAIMED  
17.05.99 (17.05.99)

## TITLE OF INVENTION

PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM PEPTIDASE ACTIVITY THROUGH  
CONJUGATION TO BLOOD COMPONENTS

## APPLICANT(S) FOR DO/EO/US

BRIDON, Dominique P.; EZRIN, Alan M.; MILNER, Peter G.; HOLMES, Darren L.; and THIBAudeau, Karen

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☒ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (signed)
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:
  - a. Copy of Request, description, claims, and abstract of International Application No. PCT/US00/13576 as originally filed 17 May 2000 (17.05.00).
  - b. Copy of Response to Communication in Cases For Which No Other Form Is Applicable with substitute pages 184-186 of the claims filed 06 July 2000 (06.07.00).
  - c. Copy of Response to Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing with revised paper copy of Sequence Listing (pages 1-544) and revised copy of Sequence Listing in computer readable form filed with ISA/EP on 22 August 2000 (22.08.00).
  - d. Copy of Form PCT/IB/301 - Notification of Receipt of Record Copy.
  - e. Copy of Form PCT/IB/304 - Notification Concerning Submission or Transmittal of Priority Documents.
  - f. Verified Statement (Declaration) Claiming Small Entity Status - Small Business Concern (signed).

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>09/623548</b>		INTERNATIONAL APPLICATION NO. PCT/US00/13576		ATTORNEY'S DOCKET NUMBER REDC-2110 USA	
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21. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**

<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$970.00
<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	\$840.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$690.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$670.00
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).	\$0.00	
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	FEE	
Total claims	25 - 20 =	5	x \$18.00	\$90.00	
Independent claims	4 - 3 =	1	x \$78.00	\$78.00	
Multiple Dependent Claims (check if applicable). <input type="checkbox"/>				\$0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,008.00</b>	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input checked="" type="checkbox"/>				\$504.00	
<b>SUBTOTAL =</b>				<b>\$504.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$504.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				\$40.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$544.00</b>	
				Amount to be: refunded	\$
				charged	\$

- ☒ A check in the amount of **\$544.00** to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **12-1420** A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Michael R. Ward, Esq.  
 LIMBACH & LIMBACH L.L.P.  
 2001 Ferry Building  
 San Francisco, California 94111-4207  
 United States of America  
 Telephone: (415) 433-4150  
 Facsimile: (415) 433-8716

Michael R. Ward  
 SIGNATURE

MICHAEL R. WARD

NAME

38,651

REGISTRATION NUMBER

05 September 2000 (05.09.00)

DATE

PATENT COOPERATION TREATY

UNITED STATES RECEIVING OFFICE

In re Int'l Application of ) Authorized Officer:  
CONJUCHEM, INC. ET AL. ) Yolanda Harrod  
International Application )  
PCT/US00/13576 ) RESPONSE TO  
International Filing Date: ) COMMUNICATION IN CASES  
17 May 2000 (17.05.00 ) FOR WHICH NO OTHER FORM  
 ) IS APPLICABLE  
For: PROTECTION OF ENDOGENOUS )  
THERAPEUTIC PEPTIDES )  
FROM PEPTIDASE ACTIVITY )  
THROUGH CONJUGATION TO )  
BLOOD COMPONENTS )  
 ) EL247151065US  
 ) 2001 Ferry Building  
 ) San Francisco, CA  
 ) 94111-4207  
 ) (415) 433-4150

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Attention: RO/US

CERTIFICATION UNDER 37 CFR §1.10

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date **July 6, 2000**, in an envelope bearing "Express Mail Post Office To Addressee" Mailing Label Number **EL247151065US** addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231-0001, Attention: RO/US.

Elizabeth A. Reicker  
Name

*Elizabeth A. Reicker*  
Signature

Dear Sir:

Applicants hereby respond to the Communication In Cases For Which No Other Form Is Applicable mailed June 20, 2000, by providing the PCT Receiving Office with substitute pages 184-186 of the claims for filing in the above-identified International Application.

In the International Application as originally filed, Claim 9 was omitted due to an oversight in connection with numbering of the claims. In addition, original Claim 18

was incorrectly dependent upon itself, and original Claim 19 was incorrectly dependent upon itself.

The claims have been renumbered in chronological order, and the claim references have been corrected and changed accordingly. Original claims 1-8 remain unchanged. Previous claims 10-15 have been replaced with renumbered claims 9-14, respectively. Previous claim 16 has been renumbered as claim 15. Previous claims 17-26 have been renumbered as new claims 16-25. New claims 16-25 each depend from claim 15. As such, each of the claims 1-25 find support in the International Application as filed. No new matter has been added.

Dated: July 6, 2000

Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

By Michael R. Ward

Michael R. Ward  
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San Francisco, CA 94111  
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Attorneys for Applicants

MRW/EAR  
REDC-2110PCT

005000-815230

09/623548  
533 Rec'd PCT/PT 00 5 SEP 2000

PATENT

PATENT COOPERATION TREATY  
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re Nat'l Phase Application of:	)	
	)	
DOMINIQUE P. BRIDON ET AL.	)	
	)	
Based Upon International	)	CERTIFICATION
Application No. PCT/US00/13576	)	UNDER
Int'l Filing Date: 17 May 2000	)	<u>37 CFR §1.10</u>
	)	
Serial No.: Not Assigned	)	
	)	
A Filing Under 35 U.S.C. 371 on:	)	
05 September 2000 (05.09.00)	)	
	)	
For: PROTECTION OF ENDOGENOUS	)	
THERAPEUTIC PEPTIDES FROM	)	
PEPTIDASE ACTIVITY THROUGH	)	
CONJUGATION TO BLOOD COMPONENTS	)	
	)	

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231-0001

Attention: U.S. Designated/Elected Office (DO/EO/US)

Dear Sir:

I hereby certify that this Application for entering the national phase of the above-identified International Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date, **05 September 2000 (05.09.00)**, in an envelope bearing "Express Mail Post Office to Addressee" Mailing Label Number **EL387347704US** addressed to: Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231-0001, Attention U.S. Designated/Elected Office (DO/EO/US).

Enclosed are:

1. Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371, in duplicate;

2. Request, description, claims, and abstract of International Application No. PCT/US00/13576 as originally filed 17 May 2000 (17.05.00);

**Note: Sequence Listing (paper copy and computer readable copy) as originally filed 17 May 2000 replaced with Revised Sequence Listing (revised paper copy and revised computer readable copy) filed with ISA/EPO on 22 August 2000 (22.08.00) (see Item No. 4 below).**

3. Response to Communication in Cases For Which No Other Form Is Applicable with substitute pages 184-186 of the claims filed 06 July 2000 (06.07.00);
4. Response to Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing with revised paper copy of Sequence Listing (pages 1-544) and revised copy of Sequence Listing in computer readable form filed with ISA/EP on 22 August 2000 (22.08.00);
5. Form PCT/IB/301 -- Notification of Receipt of Record Copy;
6. Form PCT/IB/304 -- Notification Concerning Submission or Transmittal of Priority Documents;
7. Combined Declaration/Power of Attorney/Claim of Priority (**signed**);
8. Assignment (**signed**) with Form PTO-1595 (Assignment Recordation Form);
9. Verified Statement (Declaration) Claiming Small Entity Status -- Small Business Concern (**signed**);
10. Check in the amount of \$544.00; and
12. Acknowledgement Postcard.

Dated: 05 September 2000 (05.09.00)

*Elizabeth A. Reicker*  
Elizabeth A. Reicker

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Attorney Docket No. REDC-2110 USA